## IAP7 Rec'd PCT/PTO 11 AUG 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

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TRANSMITTAL LETTER TO THE UNITED STATES		ATTORNEY'S DOCKET NUMBER 0470-062372				
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. 0 (a) wit, se 3 CFR 1.5)				
INTERNATIONAL APPLICATION NO. PCT/NL2004/000106	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED 12.02.2004 (February 12, 2004)				
PCT/NL2004/000106 12.02.2004 (February 12, 2004) 12.02.2004 (February 12, 2004)  TITLE OF INVENTION						
CYSTEINE RICH PEPTIDES FOR IMPROVING THIOL HOMEOSTASIS  APPLICANT(S) FOR DO/EO/US						
Rijkje Cornelia SPRONG, Steffi DUDEK and Fiona Marie TAYLOR						
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:						
1.  This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.						
2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.						
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4. The US has been elected (Article 31).						
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))						
a. is attached hereto (required only if not communicated by the International Bureau).						
b. 🗹 has been communicated by the International Bureau.						
c. is not required, as the application was filed in the United States Receiving Office (RO/US).						
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).						
a is attached hereto.						
I —						
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))						
a are attached hereto (required only if not communicated by the International Bureau).						
b. Have been communicated by the International Bureau.						
c. have not been made; however, the time limit for making such amendments has NOT expired.						
d. ✓ have not been made and will not be made.						
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).						
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).						
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).						
Items 11 to 20 below concern document(s) or information included:						
11. An Information Disclosure Statement	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.					
12. An assignment document for recording	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.					
13. A preliminary amendment.	. A preliminary amendment.					
14. An Application Data Sheet under 37	14. An Application Data Sheet under 37 CFR 1.76.					
15. A substitute specification.	A substitute specification.					
	A power of attorney and/or change of address letter.					
17. A computer-readable form of the seq	uence listing in accordance with PCT Rule 1	l <i>3ter.</i> 2 and 37 CFR 1.821- 1.825.				
	A second copy of the published International Application under 35 U.S.C. 154(d)(4).					
19. A second copy of the English langua	ge translation of the international application	under 35 U.S.C. 154(d)(4).				

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Page 1 of 3 Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICA	TION NO. (if known	, see 37 CFR 1.5)	INTERNATIONAL AF	PLICATION NO.	ATTORNEY'S DOCKET NUMBER		
1	n/589	181	PCT/NL2004/000106		0470-062372		
20. Other items or information: International Preliminary Report on Patentability (7 pp.)							
The foll	The following fees have been submitted			CALCU	LATIONS	PTO USE ONLY	
21. Sasic national fee (37 CFR 1.492(a))				\$ 30	00.00		
22.  Examination fee (37 CFR 1.492(c))							
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)					\$ 2	00.00	
23. Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority				\$ 4	00.00		
	TOTAL OF 21, 22	2 and 23 =			\$ 9	00.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.							
Total Sheets	Extra Sheets		Number of each additional 50 or fraction RATE thereof (round up to a whole number)				<u> </u>
28 - 100 =	/50 =	x \$250		\$	0	·	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ .	130.00		
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$		
Total claims	14	- 20 =	0	x \$ 50	\$	0	
Independent clair	ms 1	- 3 =	0	x \$200	\$	0	L
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360			+ \$360	\$	0		
TOTAL OF ABOVE CALCULATIONS =				\$ 1,0	030.00		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					0		
				SUBTOTAL =	\$ 1,0	030.00	<u> </u>
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			\$	0			
TOTAL NATIONAL FEE =				\$ 1	,030.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property +			\$	0 -			
TOTAL FEES ENCLOSED =				\$ 1	,030.00		
	· · · · · · · · · · · · · · · · · · ·				Amount refunde		\$
					Amount charged		\$

# 10/589181 JAP6 Rec'd PCT/PTO 11 AUG 2006

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a. ✓ A check in the amount of \$				
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.				
SEND ALL CORRESPONDENCE TO:  William H. Logsdon The Webb Law Firm 700 Koppers Building 436 Seventh Avenue Pittsburgh, PA 15219-1845 Telephone: (412) 471-8815 Facsimile: (412) 471-4094  SIGNATURE William H. Logsdon NAME 22,132 REGISTRATION NUMBER				

### AO/589181 IAPS Rec'd PCT/PTO 11 AUG 2006 PATENT APPLICATION/PCT

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:	ATTORNEY'S DOCKET NUMBER
Rijkje Cornelia SPRONG Steffi DUDEK Fiona Marie TAYLOR	0470-062372
PCT/NL2004/000106	
ENTITLED	
	E RICH PEPTIDES FOR THIOL HOMEOSTASIS"
To MAIL STOP PCT Attention: DO/EO/US Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
EXPRESS	S MAIL CERTIFICATE
"Express Mail" Label	NumberEV908693815US
Date of Deposit _	August 11, 2006
I hereby certify that the following	ng attached papers or fees
ELECTED OFFICE (DO/EC 35 U.S.C. 371 (original a of \$1,030.00 for filing fee APPLICATI PRELIMINARY A WO 2004/077400 – FRON CLAIMS and	TO THE UNITED STATES DESIGNATED/ O/US) CONCERNING A FILING UNDER and one (1) copy) and check in amount e and surcharge fee for late Declaration ION DATA SHEET (3 pp.) AMENDMENT with ABSTRACT I PAGE with ABSTRACT, SPECIFICATION, SEARCH REPORT (28 pp.) IINARY REPORT ON PATENTABILITY (7 pp.)
Addressee" service under 37 C.F.R. §1.	States Postal Service "Express Mail Post Office to 10 on the date indicated above and is addressed to Mail P.O. Box 1450, Alexandria, VA, 22313-1450.
(T	Nora Ann Pastrick  Typed name of person mailing paper or fee)
	Grature of person mailing paper or fee)